

ABSTRACT

A grinding machine (1) for glass slabs (2) comprising a grinding head (77) that comprises a supporting structure (9), grinding wheels (20, 28) for grinding and polishing the edge of the slab (2), and grinding wheels (24, 26) for grinding and polishing the threads of the
5 slabs (2), where the grinding wheels (20, 28) for grinding and polishing the edges rotate independently one from another around an axis that is perpendicular to the rotation axis of the grinding wheels (24, 26) for grinding and polishing the threads, and where the grinding wheels (20, 24, 26, 28) for grinding and polishing the edges and polishing the threads are configured to perform, during operation, axial movements that can be actuated independently from each
10 other along the slab (2).